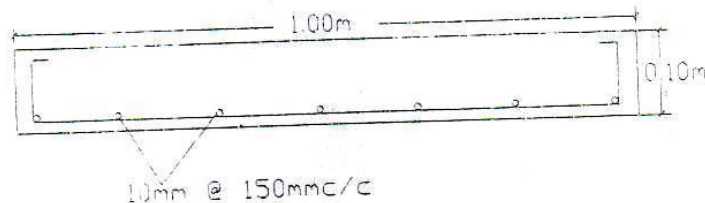


- DATA RATE -

Using Reinforced cement precast slabs of mix M20 Using 20mm & down size graded
 using HYSD 10mm dia steel @150mm c/c both ways & complete as per specifications
 Analysis for 1.0Sqm of R.C.C Precast of 0.10m Thick by Using PW,P&I/WTD SR 2012-13



$$\begin{aligned}
 1) \text{ Steel Qty} &= 1 \times 7 \times 1.10 = 7.70\text{m} \\
 &= 1 \times 7 \times 0.90 = 6.30\text{m} \\
 \text{Total} &= 14.00\text{m} \\
 &= 14.00 \times 0.62\text{kgs/m} = 8.68\text{kgs}
 \end{aligned}$$

$$\begin{aligned}
 \text{Cost of Steel including Fabrications} \\
 (\text{P-19/I-4 46 SR 2012-13}) &= (\text{Rs } 71.89/\text{Kgs}) = 8.68 \times 71.89 = \text{Rs } 624.00
 \end{aligned}$$

$$\begin{aligned}
 2) \text{ Cost of Concrete Qty} &= 1.00 \times 1.00 \times 0.10 = 0.10\text{Cum} \\
 (\text{P-13/I-4 11 SR 2012-13}) &= (\text{Rs } 5142.06/\text{Cum}) = 0.10 \times 5142.06 = \text{Rs } 514.20
 \end{aligned}$$

$$\begin{aligned}
 3) \text{ Cost of Centring work Qty} &= \text{Slab bottom} = 1.10 \times 1.10 = 1.21\text{Sqm} \\
 \text{Around Slab} &= 4.00 \times 0.15 = 0.60\text{Sqm}
 \end{aligned}$$

$$\text{Total} = 1.81\text{Sqm}$$

$$(\text{P-16/I-4 28 SR 2012-13}) = 1.81 \times 254.40 = \text{Rs } 460.46$$

$$\text{Total} = \text{Rs } 1598.66$$

The Cost of precast Slab is Say Rs.1600/Sqm.

AE
 Wno 14

AE
 Wno 15

Assist. Executive Engineer
 T.Dasarahalli Sub Division
 BBMP Bangalore.

Executive Engineer
 Dasarahalli Division
 BBMP Bangalore.

Approved
 by
 30/11